

## CONTRACT-BASED ELECTRONIC CATALOGS

### ABSTRACT

5 A computer system defines a set of electronic catalogs. The catalogs each have an associated contract and each user of the catalogs is associated with a contract. The set of catalogs is represented as a graph. Nodes in the graph represent contracts, catalogs, categories, products and prices. Edges in the graph are labelled with a catalog identifier or a contract identifier. The graph is traversed to display data to the user. The traversal of the graph by a given user is constrained so that the user's contract and catalog matches the edge labelling of the traversal.

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